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(12) **United States Patent**
Braun et al.(10) Patent No.: **US 6,553,604 B1**
(45) Date of Patent: **Apr. 29, 2003**(54) **TOOTHBRUSH**(75) Inventors: **Phillip M. Braun**, Exeter, RI (US);
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(CA)(*) Notice: Subject to any disclaimer, the term of this
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U.S.C. 154(b) by 0 days.(21) Appl. No.: **09/526,679**(22) Filed: **Mar. 16, 2000**(51) Int. Cl.⁷ **A46B 9/04; A46B 7/06**(52) U.S. Cl. **15/167.1; 15/201**(58) Field of Search **15/167.1, 201,**
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A toothbrush includes a handle, a head extending from the handle, and a plurality of tooth cleaning elements, such as tufts of bristles, extending from the head. Each tooth cleaning element is supported for rotation about primarily only one axis. Each tooth cleaning element is rotatable independent of the other tooth cleaning element(s).

11 Claims, 4 Drawing Sheets